

Materials Technician

Company Overview:

Pellion Technologies is an early-stage company developing an innovative energy storage solution with the potential to deliver substantially lower cost and higher energy density than current lithium ion systems. Pellion, based in the Boston, MA area, is backed by top-tier venture capital and a recent award from the U.S. Department of Energy to develop next-generation batteries. We are seeking outstanding, driven individuals to join our team and realize Pellion's revolutionary technology.

Position Overview:

Perform as part of the electrode or electrolyte materials development team under the direction of a senior scientist and the VP of R&D. The technician will be responsible for conducting synthesis, testing and analysis for materials evaluation. This work encompasses from initial synthesis of new compounds to analysis of finished test cells. This opportunity enables work on a wide range of materials, testing methodologies, and test equipment. We are seeking self-motivated, creative, and detail-oriented team players who enjoy working in a fast-paced, start-up atmosphere.

Key Responsibilities:

- Execute planned experiments and perform routine analysis (physical, chemical, and electrochemical) of samples.
- Set-up, operate and maintain material synthesis and characterization equipment.
- Ensure laboratory safety procedures and proper waste handling methods are followed.
- Track test results and maintain a database of record.

Qualifications:

- BS or MS in Materials Science, Chemistry, Chemical Engineering, or Applied Physics.
- 3 - 5 years experience working in materials processing, and/or battery testing experience is preferred.
- Requires a detail oriented person capable managing a large number of samples and preparation conditions. Experience in materials characterization is preferred, (e.g. XRD, SEM, thermal analysis, and TEM).
- Demonstrated ability to use test/analysis instruments, perform various math calculations, and use MS Office packages (word, excel, etc.).

Pellion Technologies offers competitive compensation and benefits packages, including equity.

Please include this position title in the subject line, and submit your resume and supporting documentation to: jobs@pelliontech.com